

REGIONAL CHP INITIATIVES AND APPLICATION CENTERS: Opportunities for EPA Partners

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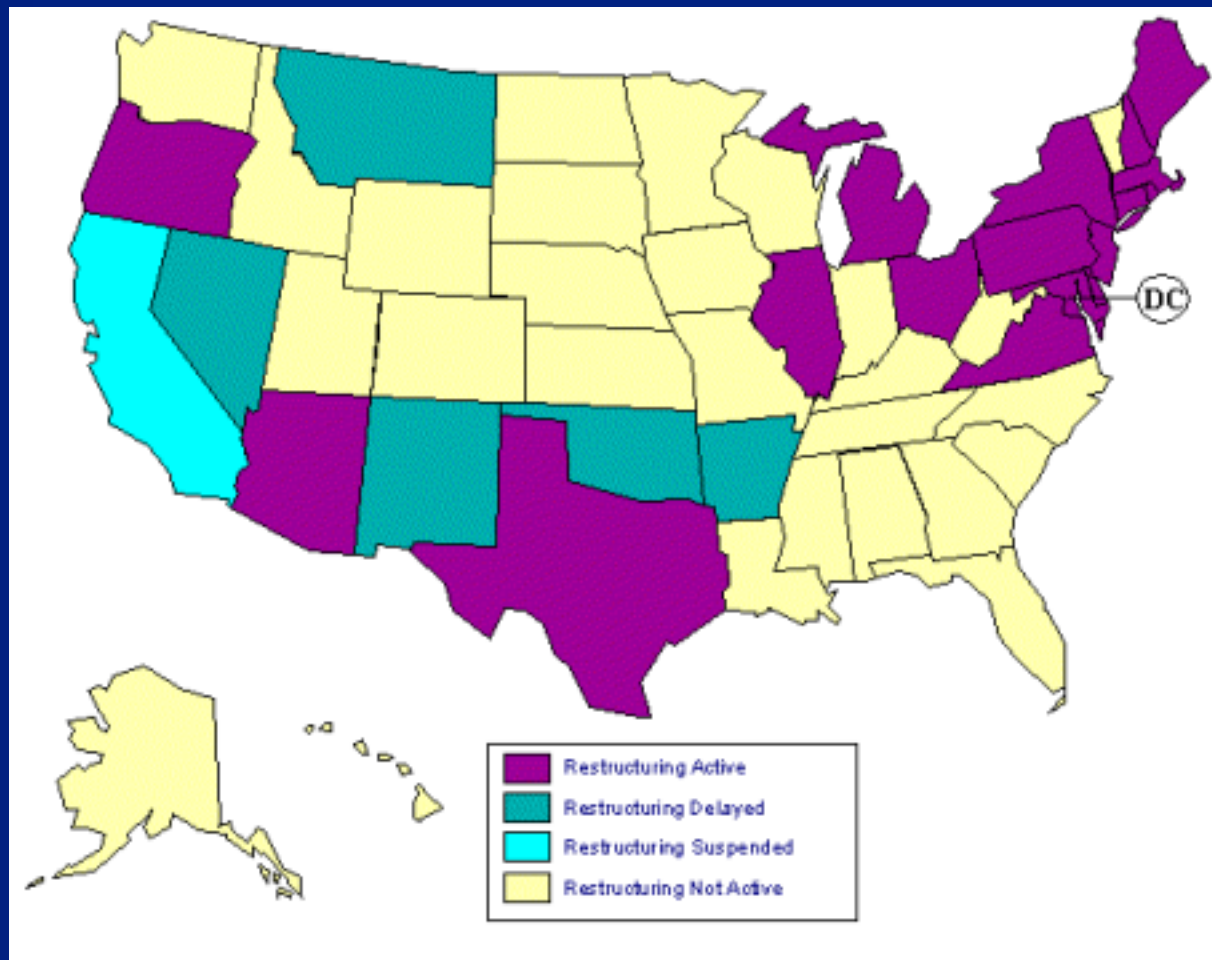
Presentation Outline

- **Brief History**
- **Role of CHP Initiatives**
- **Role of CHP Application Centers**
- **Opportunities for EPA Partners**

Brief History

- **1998/1999**
 - National CHP Vision/Challenge Issued to Double CHP in U.S.
 - Series (18) of Regional and State-Based Workshops Held
- **Fall 2000:**
 - National CHP Roadmap Meeting in Baltimore
 - CHP Roadmap Developed and Published
 - MW CHP Initiative Organized
- **2001:**
 - Midwest CHP Application Center Created – March
 - National Energy Policy Plan Published - May
 - First Meeting of Northeast CHP Initiative - October
 - EPA CHP Partnership Program Created - October
- **2002:**
 - Initial meeting of Northwest CHP Initiative - February
 - Initial meetings of Southeast CHP Initiative (7/2002; 10/2002)
- **2003:**
 - Planning Meetings for Southwest CHP Initiative (3/2003)
 - Planning Meetings for Central CHP Initiative (3/2003)
 - Solicitation issued by US DOE for Additional Regional Application Centers

Status of State Electric Industry Restructuring Activity -- as of February 2003 --



Source: EIA 2003

Regional Initiative Basics

- **Ad-hoc coalition of industry, environmental, government, and educational organizations with a mission to:**
 - Lead the region in encouraging the use of and in implementation of CHP technologies;
 - Drive CHP roadmap actions items for the region in support of national goal of doubling CHP use by 2010, and;
 - Provide a central point for coordination and communications among the various stakeholder organizations in the region.
- **U.S. EPA has been key supporter and contributor to each CHP Regional Initiative**
- **Regional Council of CHP Initiative Leadership**

Role of Regional CHP Initiatives

- **Bridge the gap between National Roadmap Tasks and Actual Regional/State Activities**
- **Organize regional and state stakeholders into powerful coalitions for formal comments and regulatory negotiations**
- **Share documents and best practices among the initiatives – create a repository of state actions**
- **Work closely with application center to**
 - **Lead efforts to streamline processes (Interconnect, Permitting, etc.)**
 - **Provide Education and Outreach (End-users, Policy Makers)**

Regional CHP Initiatives: Key Contacts

**Web Link for Regional CHP
Initiatives:**

www.uschpa.org/regional.htm

Midwest CHP Application Center

Mission:

Develop Technology Application Knowledge and the Educational Infrastructure Necessary to:

- Reduce Perceived Risks**
- Foster CHP for Buildings as a Viable:**
 - » Technical and Financial Option**
 - » Energy and Environmental Option**

Focus of Center's Activities:

- Education**
- Information**
- Technical Assistance**

Midwest CHP Application Center

- **Pilot Organization**

- Partnership between UIC ERC and GTI
- Funded by U.S. DOE

- **Project Elements**

- Baseline Assessment / Characterization
- Targeted Outreach and Education
- Website – www.CHPCenterMW.org
- Streamline Processes (Permitting and Interconnection)
- Project Support – SWAT TEAMS
 - » Provide Expert Assistance to “Close the Deal”
 - » Provide Expert Assistance to “Provide Technical Solutions”

CHP Initiative and Application Center: Key Accomplishments

- **Influencing State Policies and Policy Makers**
 - **Meeting with Commerce Commissions**
 - » **Initiated Interconnection discussion in Illinois**
 - **State PUC Staff Workshops (Midwest)**
 - » **Interconnection**
 - » **Tariffs**
 - **State PUC Stakeholder working groups and testimony**
 - » **Massachusetts DTE Interconnection**
 - » **Connecticut and Rhode Island Interconnection investigation**
 - » **Input to Illinois Energy Policy and Illinois Governor Transition Team**

CHP Initiative and Application Center: Key Accomplishments

- **Education and Outreach Workshops**
 - NE Illinois Hospital Workshop
 - Illinois/EPA/DOE CHP End User Workshop
 - DOE DER Roadshows
- **State and City Focused Development Plans**
 - Chicago
 - Michigan
 - Wisconsin
- **Permitting Guidelines – IL and SE**

CHP Initiative and Application Center: Key Accomplishments

- **APPLICATION CENTER TOOLS**

- Website: www.CHPCenterMW.org

- News & Events

- Publications

- Presentations

- Tools

- Databases (*Installations/Case Studies/Contacts*)

- CHP Education Course

- CHP Resource Guide

- State Specific Baseline Assessments

- **Direct Project Support to numerous applications**

- Over 70 Mws

Opportunities for EPA Partners

- **Participate in Initiative and Application Center**
 - **Policy maker interaction to change regulations to facilitate project installations**
 - » **Develop uniform interconnection standards**
 - » **Streamline the permitting process**
 - **Specific Project Technical Assistance**
 - » **Economics and Initial Feasibility**
 - » **To overcome Technical Hurdles**
 - **Utilize Application Center Tools**
 - » **Training Modules**
 - » **Website**
 - **Develop State CHP Implementation Plans with strong coalition**
 - **For state and institutional partners:**
 - » **Targeted Sector Outreach**

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